

Amendments to the Claims:

1 – 14. (canceled)

15. (currently amended) A method for processing a data stream description of the type used to describe, reference or classify sections of a data stream, comprising:

providing a first single data stream comprising a plurality of smaller sections and having a predetermined structure;

providing, as a second single data stream, a data stream description of the first single data stream, which description describes the structure of the first single data stream wherein the data stream description is formed as multiple process units, identifying a process unit as a section of the data stream description, wherein a first of the process units contains sufficient information from the data stream description that is required for a transformation of the first process unit by a processor without accessing information in another one of the process units accessing a remaining section of the data stream description, and a second one of the process units contains information from the data stream description that is required for a transformation of the second process unit by a processor without requiring information in another one of the process units of the data stream description;

providing a processor;

applying the data stream description to the processor to provide a transformation of the first process unit with the processor without accessing information in any of the other process units, and to provide a transformation of the second process unit with the processor without accessing information in any of the other process units; and

performing an adaptation of a first of the smaller sections of the first single data stream with the transformation of the first process unit.

16 - 17. (canceled)

18. (previously presented) The method as claimed in claim 15, wherein the data stream description is an XML-based data stream description.

19. (previously presented) The method as claimed in claim 18, wherein the data stream description contains BSD or gBSD units.

20. (currently amended) The method as claimed in claim 15, wherein the first process unit comprises a plurality of parts which are not successive in the data stream description and describes a plurality of non-successive sections of the data stream.

21. (currently amended) The method as claimed in claim 15, wherein a sub-area of the first process unit is identified as a persistent sub-area, the persistent sub-area containing information that is used for a transformation of a remaining process unit following the first process unit.

22. (previously presented) The method as claimed in claim 21, wherein a duration of storing the persistent sub-area of the process unit which is stored in a memory of a processor and a deletion of the persistent sub-area are signaled.

23. (currently amended) The method as claimed in claim 21,
wherein a duration of storing a section of the data stream described by the persistent sub-area of the process unit is signaled,
wherein the section of the data stream described by the persistent sub-area of the process unit is stored in a memory of a second processor.

24. (currently amended) The method as claimed in claim 15, wherein a sub-area of the first process unit is identified as a persistent sub-area, the persistent sub-area describing information from the data stream that is used for an adaptation of a remaining section of the data stream described by a corresponding process unit following the first process unit.

25. (currently amended) The method as claimed in claim 24, wherein a duration of storing the persistent sub-area of the first process unit which is stored in a memory of thea processor and a deletion of the persistent sub-area are signaled.

26. (currently amended) The method as claimed in claim 24,
wherein a duration of storing a section of the data stream described by the persistent sub-area of the first process unit is signaled,
wherein the section of the data stream described by the persistent sub-area of the process unit is stored in a memory of thea processor.

27. (currently amended) The method as claimed in claim 15, wherein a maximum memory capacity of the first process unit or a section of the data stream described by the first process unit is signaled.

28. (previously presented) The method as claimed in claim 15, wherein the identification and signaling are stored in a separate data stream or in the data stream description.

29. (previously presented) The method as claimed in claim 15, wherein the method also generates the data stream description.

30 - 34. (canceled).